

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

Hex(2D0610) Hex(3B000F) Hex(06242D) Hex(171515) Hex(570016) Hex(D60037)

	Hex(2D0610)	Hex(3B000F)	Hex(06242D)	Hex(171515)	Hex(570016)	Hex(D60037)
Hex(2D0610)		Ratio: 1.04 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 3.42 AA 18pt ²
Hex(3B000F)	Ratio: 1.04 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 3.28 AA 18pt ²
Hex(06242D)	Ratio: 1.13 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 3.02 AA 18pt ²
Hex(171515)	Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.39 AA 18pt ²
Hex(570016)	Ratio: 1.24 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.76 Failed ⁵
Hex(D60037)	Ratio: 3.42 AA 18pt ²	Ratio: 3.28 AA 18pt ²	Ratio: 3.02 AA 18pt ²	Ratio: 3.39 AA 18pt ²	Ratio: 2.76 Failed ⁵	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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